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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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1 of 2

Complete if Known

Application Number	10/084,545
Filing Date	February 25, 2002
First Named Inventor	Sam L. Samuels, et al.
Group Art Unit	3730 1772
Examiner Name	UNKNOWN AUGHENBAUGH

Attorney Docket Number AD6799 US NA

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WBA		US - 1,717,215	6/11/1929	Otto Eugene Huber	
		US - 2,032,265	2/25/1936	Robert T. Dawes	
		US - 3,981,415	9/21/1976	John Rayford Fowler, et al.	
		US - 4,055,201	10/25/1977	John Rayford Fowler, et al.	
		US - 4,637,396	1/20/1987	William A. Cook	
		US - 4,706,670	11/17/1987	Erik Andersen, et al.	
		US - 4,896,669	1/30/1990	Anandkumar Bhate, et al.	
		US - 5,116,318	5/26/1992	Richard A. Hillstead	
		US - 5,201,706	4/13/1993	Noriyasu Noguchi, et al.	
		US - 5,330,429	7/19/1994	Noriyasu Noguchi et al.	
		US - 5,647,848	7/15/1997	Ole Jørgensen	
		US - 5,752,934	5/19/1998	Carey V. Campbell, et al.	
		US - 5,868,704	2/9/1999	Carey V. Campbell, et al.	
		US - 5,928,193	7/27/1999	Andrew J. Campbell	
		US - 5,952,067	9/14/1999	Andrew A. Head	
		US - 5,954,740	9/21/1999	Adrian Ravenscroft, et al.	
		US - 6,033,380	3/7/2000	Frank Butaric, et al.	
		US - 6,110,192	8/29/2000	Adrian Ravenscroft, et al.	
		US - 6,120,477	9/19/2000	Carey V. Campbell, et al.	
		US - 6,124,007	9/26/2000	Lixiao Wang, et al.	
		US - 6,135,982	10/24/2000	Andrew J. Campbell	
		US - 6,156,254	12/5/2000	Geoffrey Thomas Andrews, et al.	

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
WBA		WO	98/0537 7		2/12/1998	Ranier Limited		<input type="checkbox"/>
		WO	99/1783 2		4/15/1999	Boston Scientific Corporation		<input type="checkbox"/>
		WO	99/5528 5		11/4/1999	Dubrul, William R.		<input type="checkbox"/>
		EP (WO)	1019140 (99/1783 2)		4/14/1999	Boston Scientific Corporation		<input type="checkbox"/>
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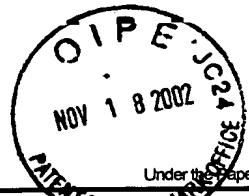
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Attorney Docket Number	AD6799 US NA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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